

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081955.D
 Acq On : 1 Oct 2015 23:13
 Operator : UM/IZ
 Sample : G3799-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0484

Quant Time: Oct 02 03:53:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	128624	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	528963	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	254881	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	522886	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	507752	20.00	ng	-0.06
86) Perylene-d12	15.51	264	377343	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	338470	47.77	ng	-0.03
7) Phenol-d6	6.51	99	280603	31.47	ng	-0.05
23) Nitrobenzene-d5	7.46	82	689739	86.92	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	332626	128.86	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1300627	85.48	ng	-0.05
78) Terphenyl-d14	13.01	244	1384771	89.34	ng	-0.05

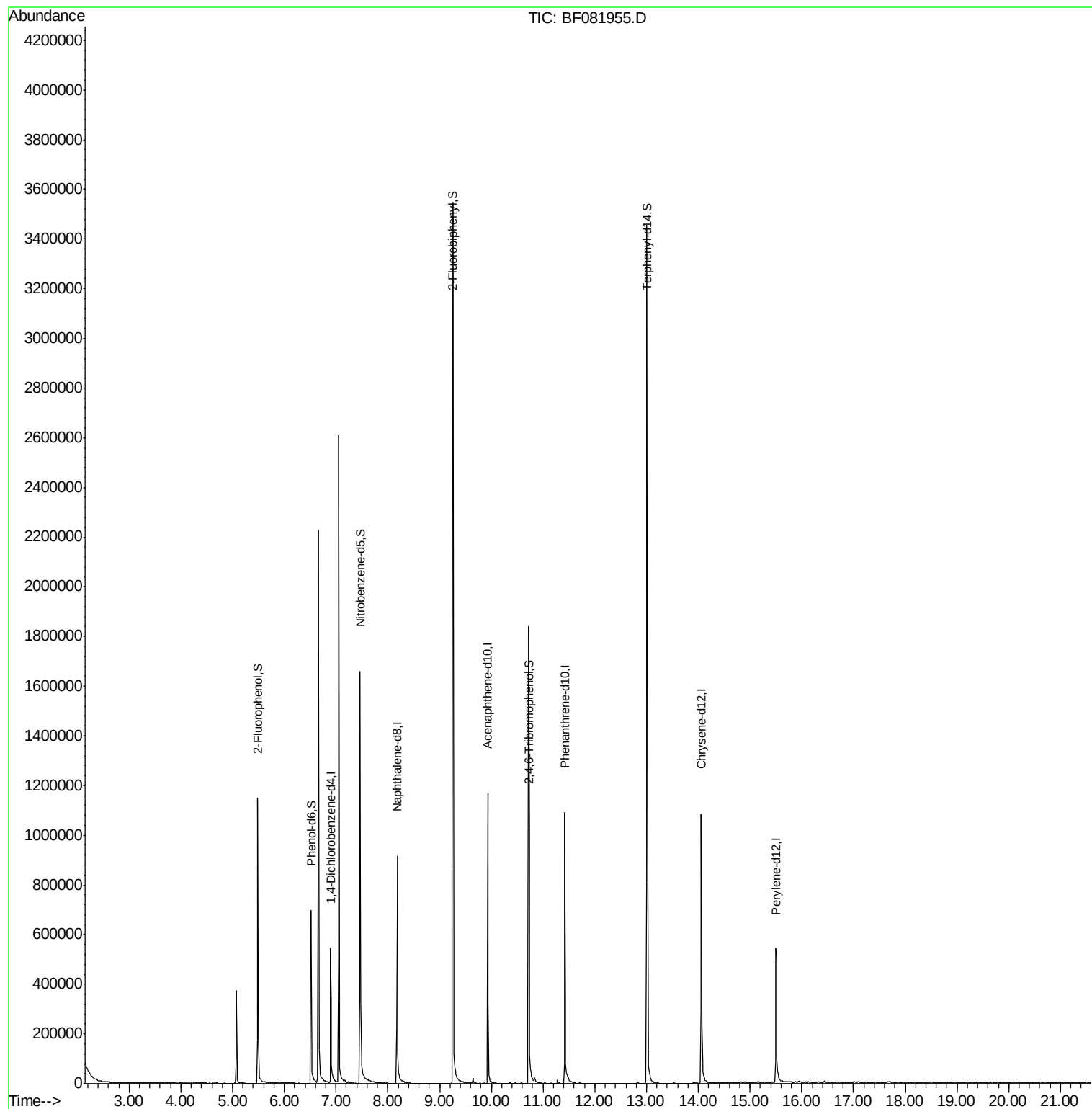
Target Compounds	Qvalue
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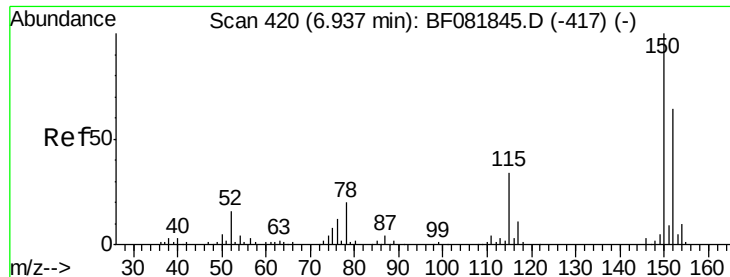
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081955.D

Acq: 1 Oct 2015 23:13

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BNA_F

ClientSampleId :

S8-0484

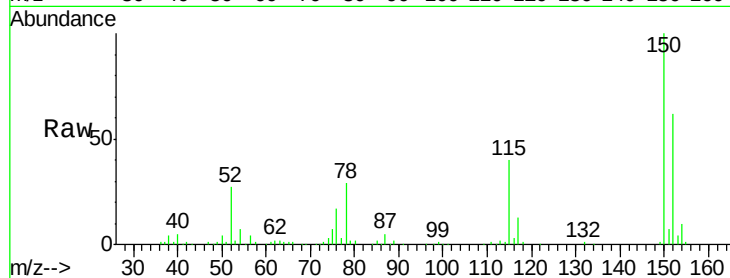
Tgt Ion:152 Resp: 128624

Ion Ratio Lower Upper

152 100

150 161.6 124.7 187.1

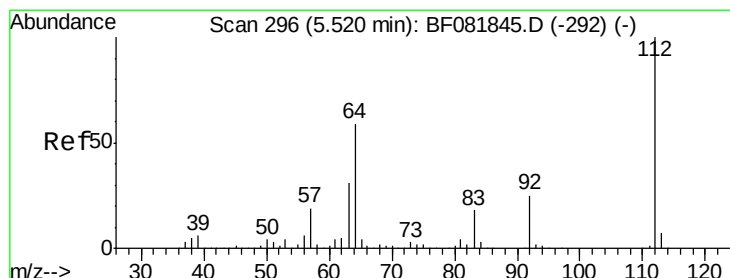
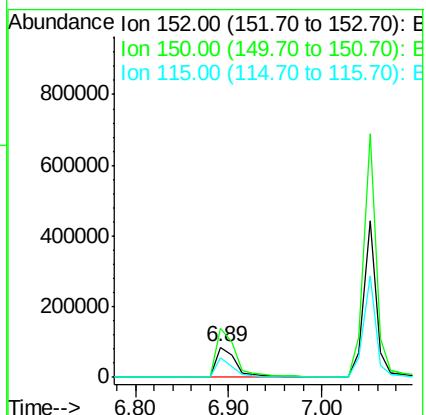
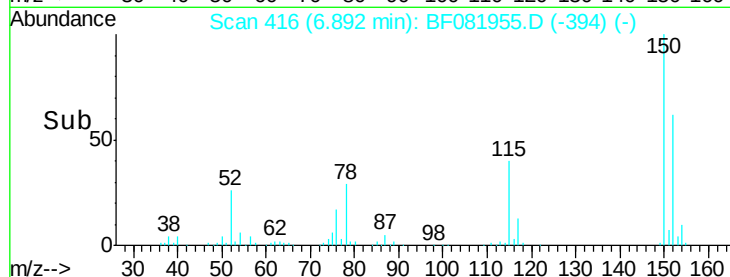
115 64.6 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 47.77 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF081955.D

Acq: 1 Oct 2015 23:13

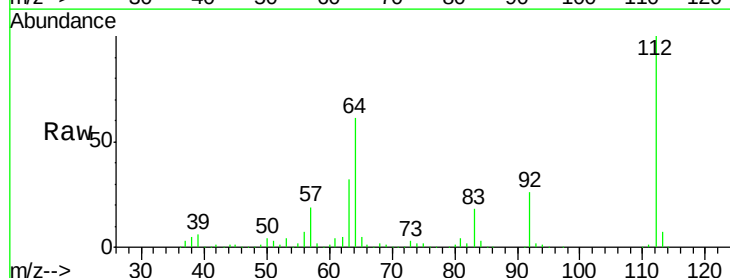
Tgt Ion:112 Resp: 338470

Ion Ratio Lower Upper

112 100

64 60.7 39.7 59.5#

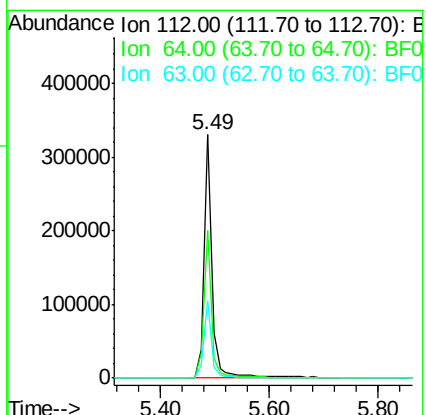
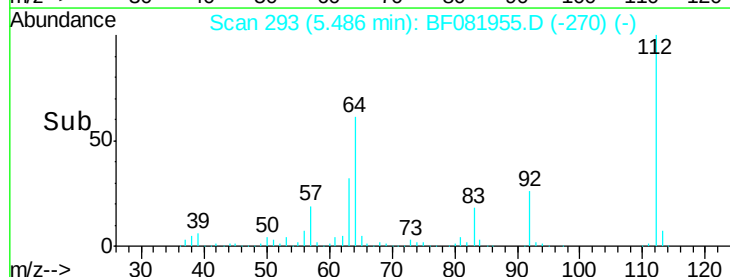
63 31.6 17.4 26.0#

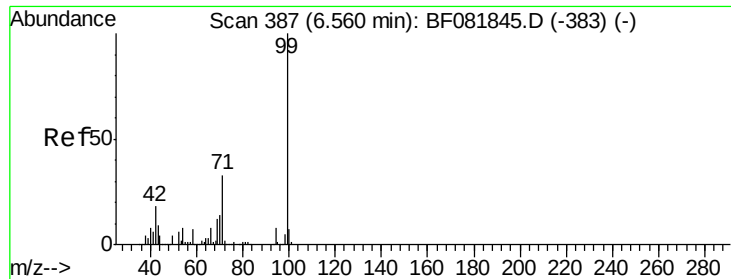


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.47 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF081955.D

Acq: 1 Oct 2015 23:13

Instrument :

BNA_F

ClientSampleId :

S8-0484

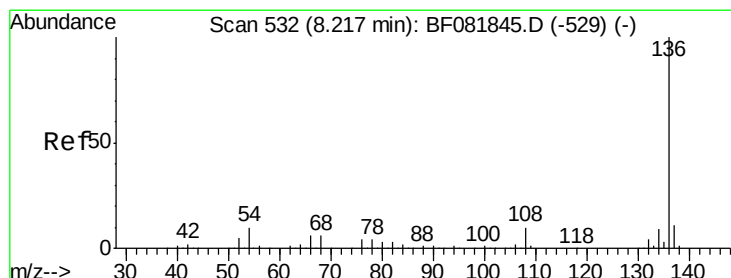
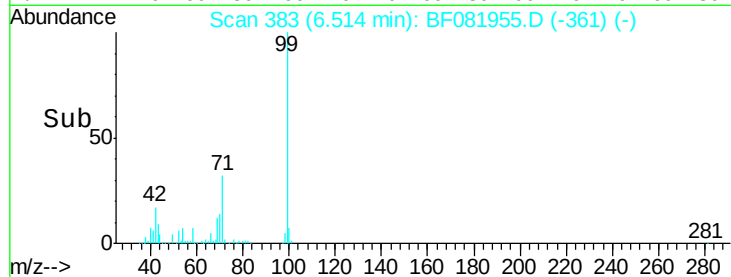
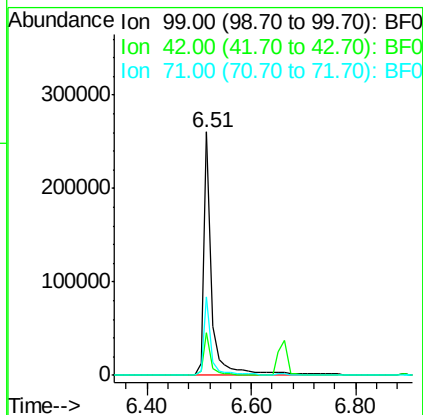
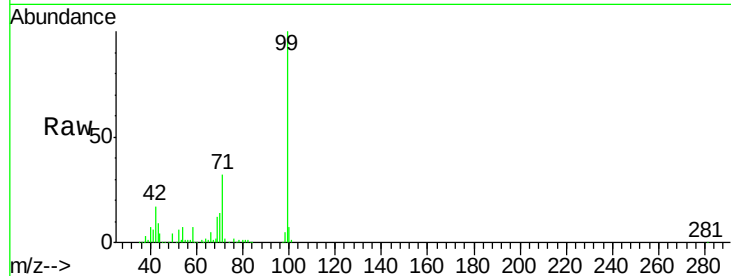
Tgt Ion: 99 Resp: 280603

Ion Ratio Lower Upper

99 100

42 17.4 13.7 20.5

71 32.1 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF081955.D

Acq: 1 Oct 2015 23:13

Tgt Ion: 136 Resp: 528963

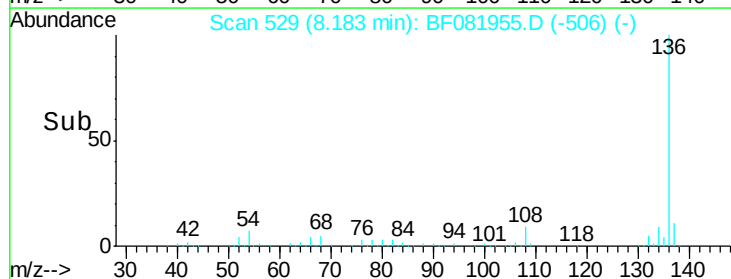
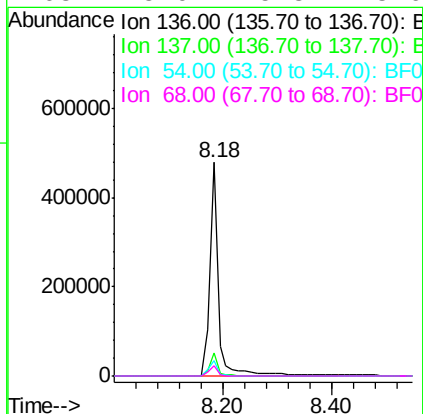
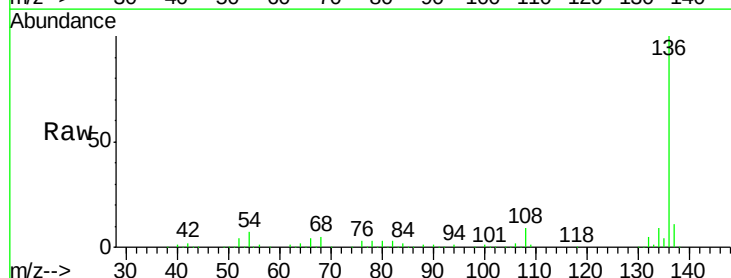
Ion Ratio Lower Upper

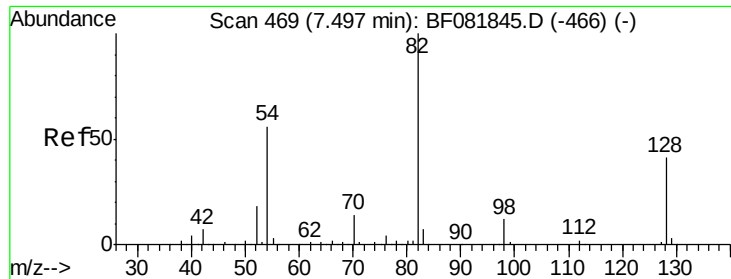
136 100

137 10.9 9.0 13.6

54 7.1 8.2 12.2#

68 5.0 5.8 8.6#

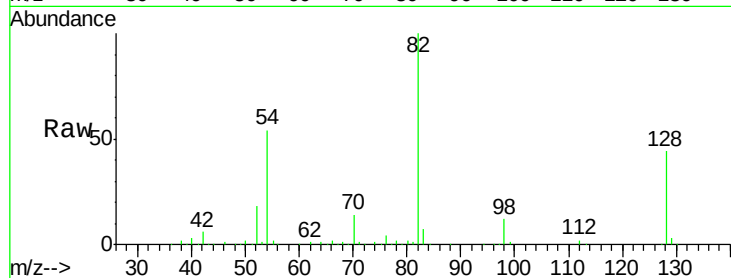




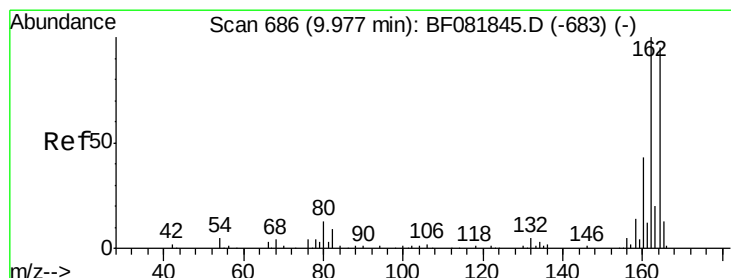
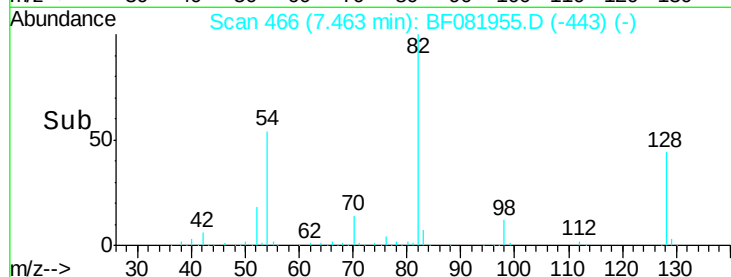
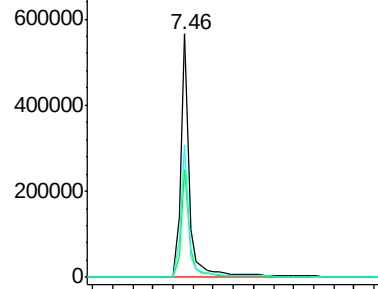
#23
 Nitrobenzene-d5
 Concen: 86.92 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081955.D
 Acq: 1 Oct 2015 23:13

Instrument :
 BNA_F
 ClientSampleId :
 S8-0484

Tgt Ion: 82 Resp: 689739
 Ion Ratio Lower Upper
 82 100
 128 44.2 51.0 76.6#
 54 54.4 47.5 71.3

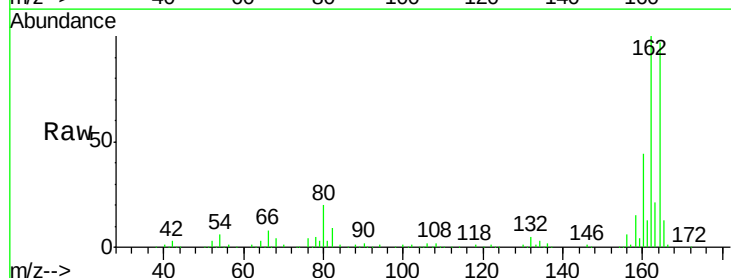


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

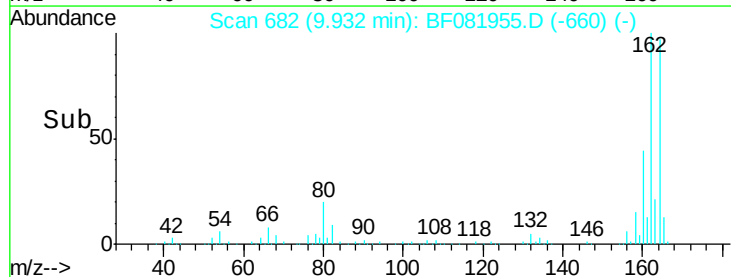
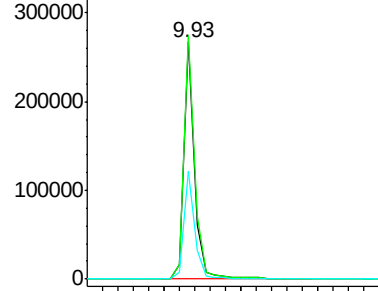


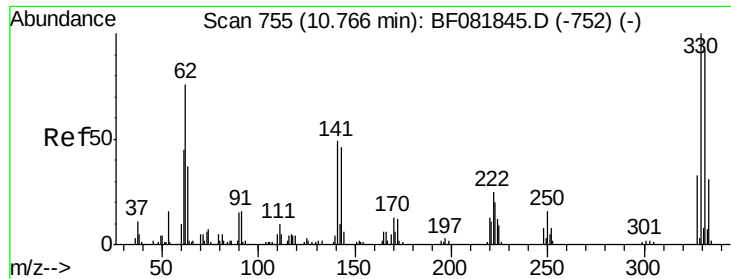
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081955.D
 Acq: 1 Oct 2015 23:13

Tgt Ion: 164 Resp: 254881
 Ion Ratio Lower Upper
 164 100
 162 102.7 75.2 112.8
 160 45.6 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

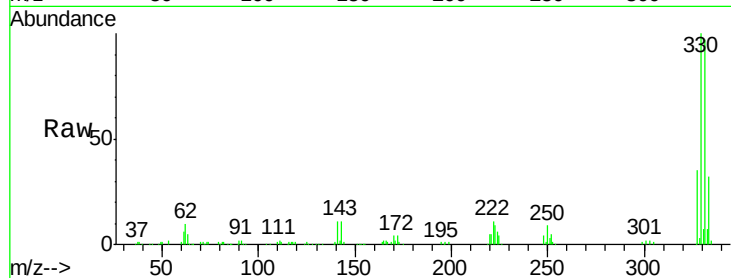




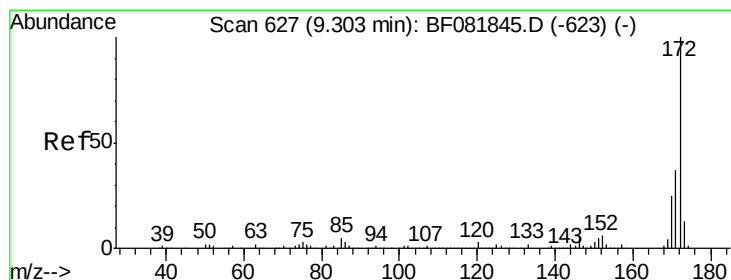
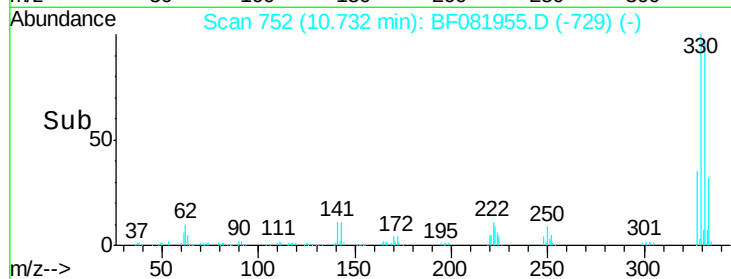
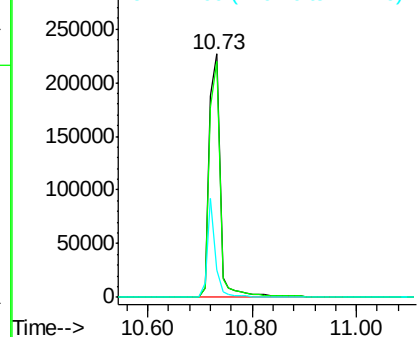
#41
 2,4,6-Tribromophenol
 Concen: 128.86 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081955.D
 Acq: 1 Oct 2015 23:13

Instrument :
 BNA_F
 ClientSampleId :
 S8-0484

Tgt Ion:330 Resp: 332626
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 30.9 29.7 44.5

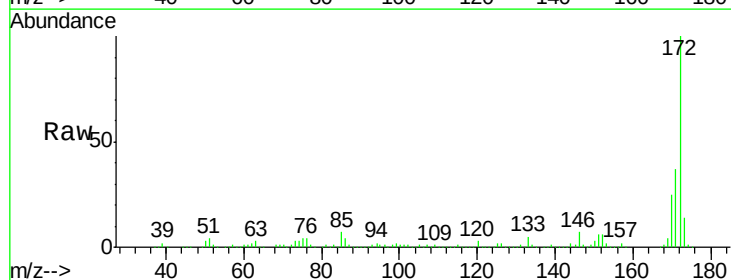


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

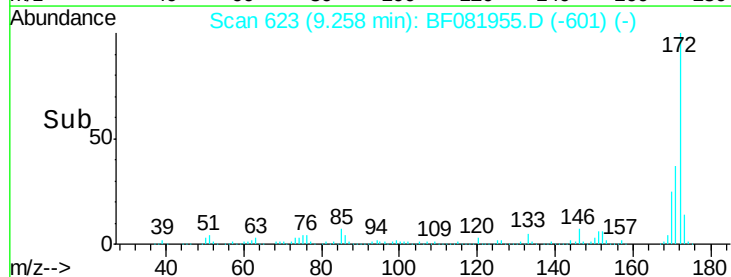
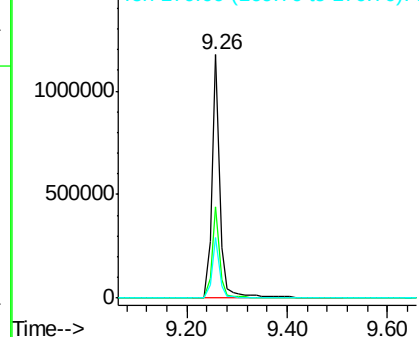


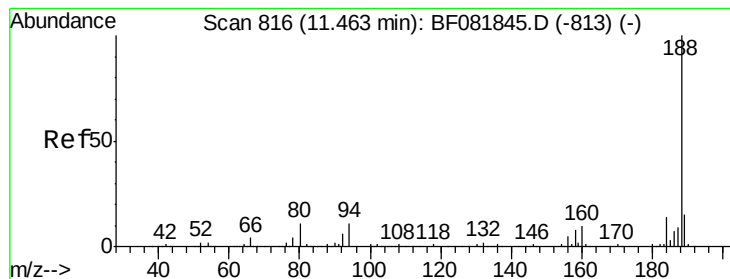
#44
 2-Fluorobiphenyl
 Concen: 85.48 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081955.D
 Acq: 1 Oct 2015 23:13

Tgt Ion:172 Resp: 1300627
 Ion Ratio Lower Upper
 172 100
 171 37.5 26.1 39.1
 170 25.1 17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 812

Delta R.T. -0.05 min

Lab File: BF081955.D

Acq: 1 Oct 2015 23:13

Instrument :

BNA_F

ClientSampleId :

S8-0484

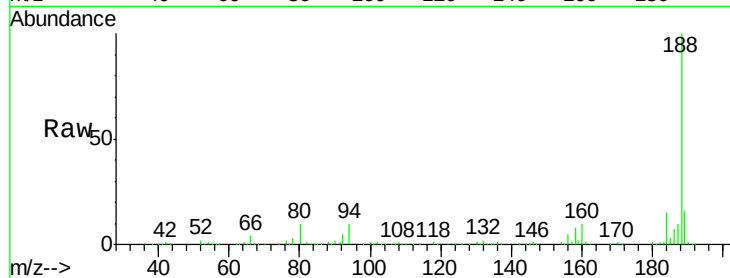
Tgt Ion:188 Resp: 522886

Ion Ratio Lower Upper

188 100

94 9.8 11.1 16.7#

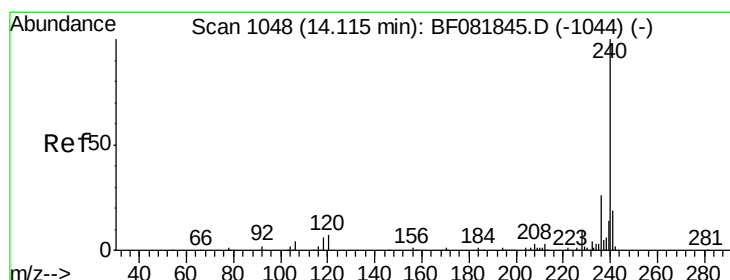
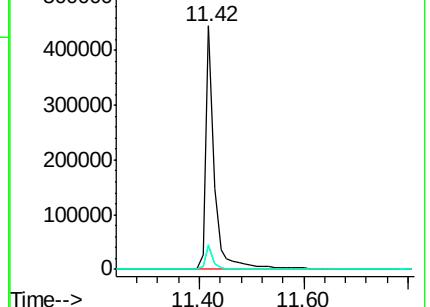
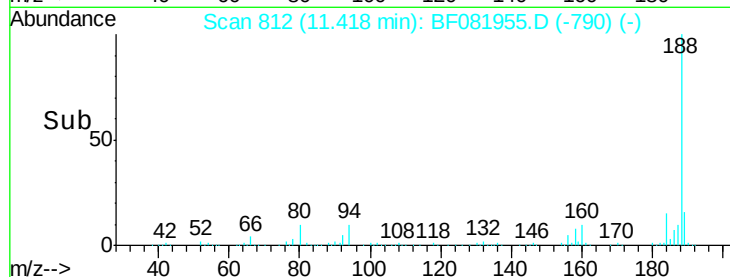
80 10.4 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081955.D

Acq: 1 Oct 2015 23:13

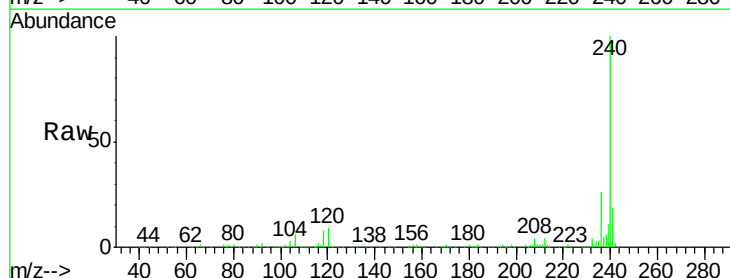
Tgt Ion:240 Resp: 507752

Ion Ratio Lower Upper

240 100

120 8.9 16.2 24.2#

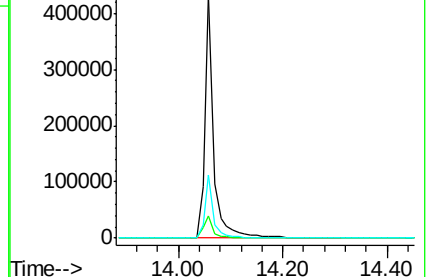
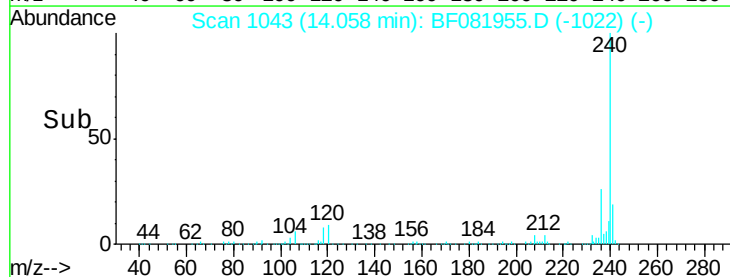
236 26.0 18.4 27.6

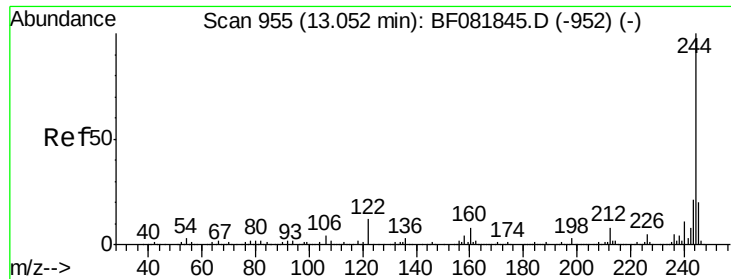


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

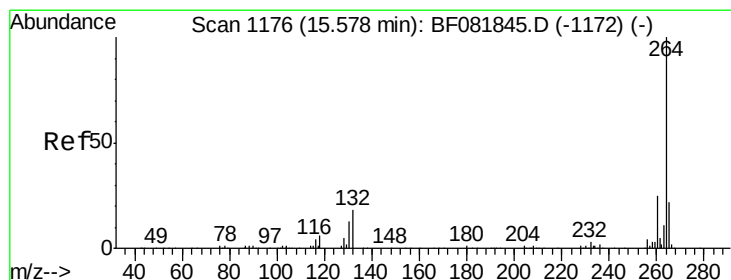
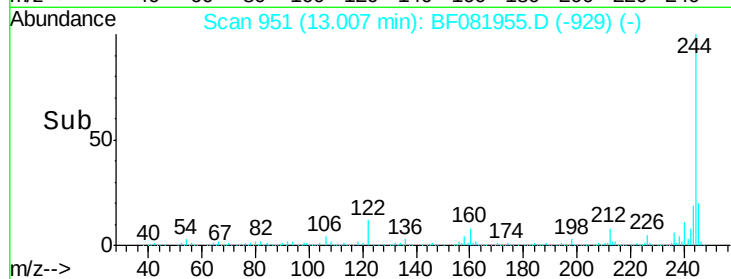
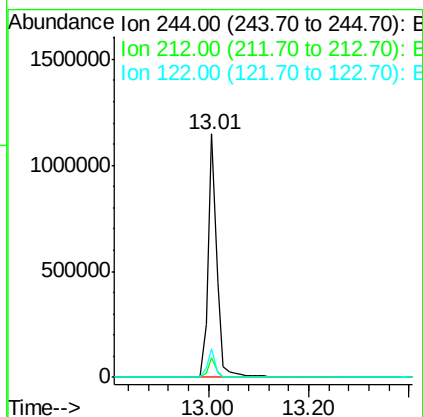
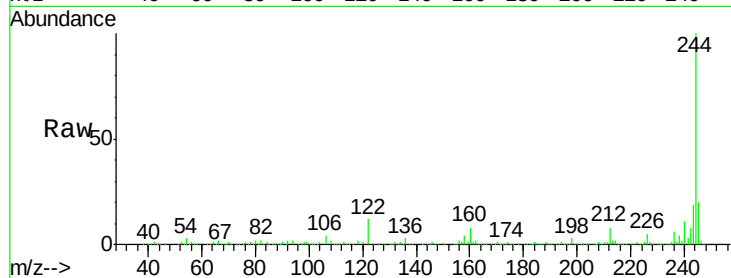




#78
 Terphenyl-d14
 Concen: 89.34 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081955.D
 Acq: 1 Oct 2015 23:13

Instrument :
 BNA_F
 ClientSampleId :
 S8-0484

Tgt Ion:244 Resp: 1384771
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 11.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.07 min
 Lab File: BF081955.D
 Acq: 1 Oct 2015 23:13

Tgt Ion:264 Resp: 377343
 Ion Ratio Lower Upper
 264 100
 260 24.2 16.7 25.1
 265 21.2 17.2 25.8

